

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	49	Damera-Venkata-Niranjan.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/11 10:19
S2	2	(6915020 7187806).pn.	USPAT	OR	ON	2007/05/10 14:17
S3	673	(half\$1ton\$3 (error adj diffus\$4) dither\$3 binar\$7) with bit\$1map same (generat\$3 creat\$3 produc\$4 develop\$3 form\$4 provid\$4)	USPAT	OR	ON	2007/05/10 14:21
S5	7734	(partition\$5 segmentat\$4 segment\$4 cut\$4 divid\$4 ) with (block\$1 cell\$1 segment\$1 array) with imag\$3 and (half\$1ton\$3 (error adj diffus\$4) dither\$3 binar\$7)	USPAT	OR	ON	2007/05/10 14:35
S6	1	(bits\$1map raster) with (select\$3 determin\$4 acquir\$4 obtain\$3) same (modify\$4 alter\$4 adjust\$4 customeriz\$4 reform\$4 remodel\$4) same (block\$1 cell\$1 segment\$1 array) same (code\$1word save\$1word pass\$1wrod classif\$3\$1information code\$1name)	USPAT	OR	ON	2007/05/10 17:23
S7	2	(bit\$1map raster) with (select\$3 determin\$4 acquir\$4 obtain\$3) same (modify\$4 alter\$4 adjust\$4 customeriz\$4 reform\$4 remodel\$4) same (block\$1 cell\$1 segment\$1 array) and (code\$1word save\$1word pass\$1wrod classif\$3\$1information code\$1name)	USPAT	OR	ON	2007/05/10 14:54
S8	1113	(half\$1ton\$3 (error adj diffus\$4) dither\$3 binar\$7) near process\$3 with (portion\$3 block cell array segment segmenta\$4 region part) with (imag\$3 pixel pel conton\$4)	USPAT	OR	ON	2007/05/10 14:53

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S9	86	(bit\$1map raster) with (select\$3 determin\$4 acquir\$4 obtain\$3) same (modify\$4 alter\$4 adjust\$4 customeriz\$4 reform\$4 remodel\$4) same (block\$1 cell\$1 segment\$1 array) and (half\$1ton\$3 (error adj diffus\$4) dither\$3 binar\$7)	USPAT	OR	ON	2007/05/10 15:33
S10	10	(code\$1word save\$1word pass\$1wrod classif\$3\$1information code\$1name) with imag\$3 same embed\$5 and (half\$1ton\$3 (error adj diffus\$4) dither\$3 binar\$7)	USPAT	OR	ON	2007/05/10 14:57
S11	14	(code\$1word save\$1word pass\$1wrod classif\$3\$1information code\$1name) with imag\$3 same (embed\$5 extract\$6) and (half\$1ton\$3 (error adj diffus\$4) dither\$3 binar\$7)	USPAT	OR	ON	2007/05/10 14:57
S13	1	S8 and S11	USPAT	OR	ON	2007/05/10 15:00
S14	5	S5 and S11	USPAT	OR	ON	2007/05/10 15:03
S16	129	S3 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 15:03
S17	8	S16 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 15:14
S20	42	(embedd\$4 encod\$3 decod\$3 extract\$5) with imag\$3 same (half\$1ton\$3 (error adj diffus\$4) dither\$3 binar\$7) same (code\$1word save\$1word pass\$1wrod classif\$3\$1information code\$1name)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 15:23
S21	5	S8 and S9	USPAT	OR	ON	2007/05/10 15:37
S22	25	S3 and S8	USPAT	OR	ON	2007/05/10 15:45
S24	13	S3 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 15:50

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S25	2	(half\$1ton\$1 adj screen\$4) with (generat\$3 produc\$4 creat\$3 mak\$3 provid\$3 form\$3) with bit\$1map and (partition\$4 divid\$4 cut\$4 segment\$5 segmenta\$5) near imag\$3 with (block cell segment\$4 array).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 16:20
S26	1	(half\$1ton\$3 (error adj diffus\$4) dither\$3 binar\$7) with imag\$3 near (block\$1 cell\$1 segment\$1 array) and (bit\$1map raster\$4) with (select\$3 determin\$3 acquir\$4 obtain\$4) with (modify\$4 alter\$4 adjust\$4 customeriz\$4 reform\$4 remodel\$4) same (block\$1 cell\$1 segment\$1 array). clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 16:26
S27	7069	(358/3.28 358/3.2 358/539 382/100 382/232 382/173 359/893).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 16:27
S28	2	S27 and (embed\$4 encod\$4 decod\$4) with extract\$4 with whith half\$1ton\$3 with code\$1word	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 16:28
S29	3505	(358/3.04 358/3.05 358/3.06 358/3.07 358/534 358/535 358/536 358/539 382/232 382/173 359/893).ccls.	USPAT	OR	ON	2007/05/10 17:23
S30	0	S29 and (bit\$1map raster) with half\$1ton\$3 near block with embed\$5	USPAT	OR	ON	2007/05/10 17:27
S31	0	S29 and (bit\$1map raster) with half\$1ton\$3 with embed\$5	USPAT	OR	ON	2007/05/10 17:28
S32	3	(bit\$1map raster) with half\$1ton\$3 with embed\$5	USPAT	OR	ON	2007/05/10 17:30
S33	7	(bit\$1map raster) same half\$1ton\$3 with embed\$5	USPAT	OR	ON	2007/05/10 18:02

## EAST Search History

S35	78	((modify\$3 or modification or alter\$5 or adjust\$4 or customiz\$5 or reform\$3 or chang\$3 or conver\$4 or creat\$3 or design\$3 or produc\$3 or generat\$3) near5 (halftone or dither or threshold or binary or bilevel or bitonal or (two or bi) adj0 (level or value or tone)) adj0 (image or picture or document or original) with ((embed\$4 or insert\$3 or implant\$3 or synthesi\$4 or combin\$3 or add\$3 or addition or append\$3 supplement\$5 merg\$3 or fus\$3 or blend\$3 attach\$4) near5 (code or pattern or mark or hash or glyph or symbol or watermark or steganograph\$2 or information or data))	USPAT	OR	ON	2007/05/10 18:24
S37	144	(half\$1ton\$3\$1screen dither\$1matrix mask) with bit\$1map same (image picture contone continuous\$1tone)	USPAT	OR	ON	2007/05/10 18:46
S38	17	S5 and S37	USPAT	OR	ON	2007/05/10 18:27
S39	115	((halfton\$3 or threshold\$3 or dither\$3) near7 (screen\$3 or matrix or array or block or template or mask or grid or filter or pattern or arrangement or structure or cell or supercell or macrocell or tile or supertile or macrotile)) with bit\$1map with (image or picture or document or original)	USPAT	OR	ON	2007/05/11 09:19
S40	115	((halfton\$3 or threshold\$3 or dither\$3) near7 (screen\$3 or matrix or array or block or template or mask or grid or filter or pattern or arrangement or structure or cell or supercell or macrocell or tile or supertile or macrotile)) with bit\$1map with (image or picture or document or original)	USPAT	OR	ON	2007/05/11 09:22
S41	107	S40 and (half\$1ton\$3 or screen\$4 or dither\$3 or mask\$3 or (dither\$3 adj1 (matri\$3 array)) ) with bit\$1map	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/11 09:23

## EAST Search History

S42	16	S41 and (partition\$3 divi\$3 separat\$3 cut\$4 segment\$3 segmentat\$4) with (block cell region section segment) with (half\$1ton\$3 (error adj diffus\$4) dither\$3 binar\$7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/11 09:25
S43	49	("20010021041"   "20010030769"   "20020044298"   "20020076107"   "20020154339"   "20020178950"   "4668995"   "5073953"   "5202933"   "5225911"   "5239390"   "5313309"   "5341224"   "5343309"   "5379130"   "5485568"   "5506699"   "5568571"   "5602974"   "5617485"   "5625460"   "5694224"   "5710577"   "5710827"   "5742703"   "5754684"   "5845058"   "5859956"   "5862305"   "5881213"   "5956157"   "6002847"   "6020897"   "6049390"   "6064397"   "6125200"   "6163625"   "6175425"   "6205452"   "6307962"   "6498660"   "6624909"   "6636899"   "6717696"   "6738517"   "6747758"   "6751780"   "6813621").PN. OR ("6992789").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 09:48
S44	17	S43 and bitmap	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 09:48
S45	63	(half\$1ton\$3 or screen\$4 or dither\$3 or mask\$3 or (dither\$3 adj1 (matri\$3 array))) with (generat\$3 produc\$4 creat\$3 mak\$4 provid\$3 form\$3) with bit\$1map and (partition\$4 divid\$4 cut\$4 segment\$5 segmenta\$5) near imag\$3 with (block cell segment\$4 array)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/11 10:46
S46	1292	((half\$1ton\$3 adj screen\$3) half\$1ton\$3 (error adj diffus\$4) dither\$3 binar\$7 dither\$1matrix mask) with (generat\$3 creat\$3 produc\$4 develop\$3 form\$3 provid\$4 transform\$3 convert\$4 convers\$4) with bit\$1map	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/11 11:49

## EAST Search History

S47	7734	(partition\$5 segmentat\$4 segment\$4 cut\$4 divid\$4 ) with (block\$1 cell\$1 segment\$1 array) with imag\$3 and (half\$1ton\$3 (error adj diffus\$4) dither\$3 binar\$7)	USPAT	OR	ON	2007/05/11 10:54
S48	96	S46 and S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/11 11:14
S49	78	((modify\$3 or modification or alter\$5 or adjust\$4 or customiz\$5 or reform\$3 or chang\$3 or conver\$4 or creat\$3 or design\$3 or produc\$3 or generat\$3) near5 (halftone or dither or threshold or binary or bilevel or bitonal or (two or bi) adj0 (level or value or tone)) adj0 (image or picture or document or original)) with ((embed\$4 or insert\$3 or implant\$3 or synthesi\$4 or combin\$3 or add\$3 or addition or append\$3 supplement\$5 merg\$3 or fus\$3 or blend\$3 attach\$4) near5 (code or pattern or mark or hash or glyph or symbol or watermark or steganograph\$2 or information or data))	USPAT	OR	ON	2007/05/11 11:03
S50	1	S48 and S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/11 11:04
S51	624	S46 and half\$1ton\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/11 11:50
S52	411	S51 and (generat\$3 creat\$3 produc\$4 transform\$3 convert\$4 convers\$4) with bit\$1map	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/11 11:52
S53	101	S52 and (divid\$3 partition\$3 segment\$3 segementat\$4) with (block cell section region tile)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/11 11:54

## EAST Search History

S54	62	S53 and array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/11 11:55
S55	4408	(encod\$3 or encrypt\$3 or embed\$4 or watermark\$3 or insert\$3 or infix\$3 or cipher\$3) with (bitmap or "bmp" or (dot near2 pattern))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/11 13:11
S56	111	S55 same half\$1ton\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/11 13:12
S57	24	S56 and (decod\$3 or decrypt\$3 or decipher\$3) with (bitmap or "bmp" or (dot near2 pattern))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/11 13:13